

**DYNAL**

Encl. 1

# PRODUCT LIST 1989

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DYNABEADS™ products are based on extremely uniform, superparamagnetic polystyrene beads. Consisting of a maghemite ( $Fe_3O_4$ ) containing core covered with a polymer, they have a smooth surface that is easily coated with antibodies or other selecting molecules. Combined with a magnet, Dynabeads make a unique tool in positive or negative separations.

Fields of applications include:  
Immunology, Tissue Typing, Cancer research,  
Transplantation medicine, Microbiology, Virology,  
DNA Technology and Clinical chemistry.

## DYNABEADS UNCOATED

A. Immunomagnetic beads for cell separations. Uniform, superparamagnetic polystyrene beads with diameter 4.5 micron (c.v. < 5%).  
4x10<sup>8</sup> DYNABEADS per ml (30 mg per ml) in aqueous solution.

### DYNABEADS M-450 Uncoated

For physical adsorption of primary antibodies of the IgM class, or for customer's own secondary antibodies. Primary monoclonal antibodies of the IgG class should be bound to Dynabeads M-450 via a secondary antibody for optimal function.

### DYNABEADS M-450 Tosylactivated

For convenient chemical coupling of proteins or secondary antibodies of customers own choice.

B. Immunomagnetic beads for use in microbiology and immunoassays. Uniform superparamagnetic polystyrene beads with a polymer surface having only primary OH groups and with a diameter of 2.8 micron (c.v. < 3%).  
6-7x10<sup>8</sup> DYNABEADS per ml (10 mg per ml) in aqueous solution.

### NEW DYNABEADS M-280 Tosylactivated

For convenient chemical coupling of proteins, peptides or secondary antibodies of customers own choice. Dynabeads M-280 are activated by use of p-toluene sulphonyl chloride and ready for coating through a simple incubation.

Prod.no.	Volum
140.01	2
140.02	10
140.03	10 m
140.04	
142.03	
142.04	

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# Promega Protocols and Applications Guide

Second Edition

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